
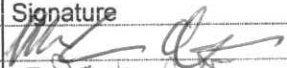

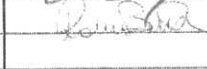
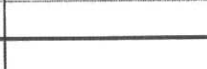

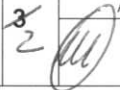
 <b>CARLO GAVAZZI SPACE SpA</b>		<b>RELAZIONE DI RIUNIONE / VISITA</b> <b>MINUTES OF MEETING / VISIT</b>		<b>N° PDS-MI-CGS-003</b>																									
		<b>FOGLIO SHEET 1</b>		<b>DI OF</b> 																									
<b>DATA - DATE</b> <b>23/09/2009</b>		<b>LOCALITA' - LOCATION</b> <b>MILANO (TELECON)</b>		<b>COMMESSA - JOB</b> <b>AMS02 PDS FM</b>																									
				<b>RIF. - REF.</b> <b>2011-H</b>																									
<b>IMPIANTO PROJECT</b>	<b>DESCRIZIONE DESCRIPTION</b> <b>PDS PFM TRB CLOSURE</b>			<b>CLIENTE - CUSTOMER</b>																									
	<b>LOCALITA' LOCATION</b> <b>TELECONFERENCE</b>			<b>ORDINE - CONTRACT</b>																									
<b>SCOPO RIUNIONE PURPOSE OF MEETING</b>	<b>PDS PFM TRB CLOSURE</b>			<b>REDATTO - WRITTEN BY</b> <b>M. Olivier</b>																									
				<b>LISTA DI DISTRIBUZIONE DISTRIBUTION LIST</b>																									
				<b>S. Alia (CGS)</b>																									
				<b>E. Francini (CGS)</b>																									
				<b>M. Capell (MITAMS collab.)</b>																									
<b>PRESENTI - ATTENDED BY</b>	<b>NOMI - NAMES</b>		<b>Signature</b>		<b>M. Molina (CGS)</b>																								
	<b>M. Olivier (CGS PM)</b>				<b>R. Grossi (CGS)</b>																								
	<b>E. Marchetti (ASI-PA)</b>				<b>P. Lorenzi (CGS)</b>																								
	<b>E. Russo (ASI-PM)</b>				<b>F. Facchin (CGS)</b>																								
	<b>R. Battiston (INFN\ AMS collaboration)</b>																												
<b>PUNTI ITEMS</b>	<b>ARGOMENTI DISCUSSI - DESCRIPTION OF DISCUSSION</b>				<b>AZIONE A CURA <sup>1)</sup> ACTION BY <sup>1)</sup></b>																								
<b>1.</b>	<b>TELECON AT 17:00:</b>  <b>RIF 1: PDS TRB opening (rif. DC-IPC-2009-120)</b>																												
<b>2.</b>	<b>CGS confirms the PDS PFM full functional tests after environmental test campaign have been completed on day 23/09/2009 successfully and with no additional NCRs .</b>																												
<b>3.</b>	<b>NCRs review:</b>																												
	<table border="1"> <thead> <tr> <th>NCR IDENTIFICATION NUMBER</th> <th>DESCRIPTION/TITLE</th> <th>Major (M) Minor (m)</th> <th>ISSUE - DATE</th> <th>RFW REF.</th> </tr> </thead> <tbody> <tr> <td>NCR-PDS-CGS-C-139</td> <td>Unwanted SIDE A PB2-3 switch OFF during HOT temperature TV cycling p/n: 11-AMS02PDS-700.00 s/n: 04</td> <td>M</td> <td>1 01/09/2009</td> <td>PDS-WV-CGS-005</td> </tr> <tr> <td>NCR-PDS-CGS-C-140</td> <td>Side A Esem 3-A-3 trip out of tolerance during HOT temperature TV cycling p/n: 11-AMS02PDS-300.00 s/n: 04</td> <td>M</td> <td>1 14/09/2009</td> <td>N.A.</td> </tr> <tr> <td>NCR-PDS-CGS-C-141</td> <td>PDS mass out of specified value p/n: 10-AMS02PDS-000.00 s/n: FM01</td> <td>M</td> <td>1 15/09/2009</td> <td>PDS-WV-CGS-003</td> </tr> <tr> <td>NCR-PDS-CGS-C-142</td> <td>PDS radiated E-field emissions out of specified limits p/n: 10-AMS02PDS-000.00 s/n: FM01</td> <td>M</td> <td>1 16/09/2009</td> <td>PDS-WV-CGS-004</td> </tr> </tbody> </table>	NCR IDENTIFICATION NUMBER	DESCRIPTION/TITLE	Major (M) Minor (m)	ISSUE - DATE	RFW REF.	NCR-PDS-CGS-C-139	Unwanted SIDE A PB2-3 switch OFF during HOT temperature TV cycling p/n: 11-AMS02PDS-700.00 s/n: 04	M	1 01/09/2009	PDS-WV-CGS-005	NCR-PDS-CGS-C-140	Side A Esem 3-A-3 trip out of tolerance during HOT temperature TV cycling p/n: 11-AMS02PDS-300.00 s/n: 04	M	1 14/09/2009	N.A.	NCR-PDS-CGS-C-141	PDS mass out of specified value p/n: 10-AMS02PDS-000.00 s/n: FM01	M	1 15/09/2009	PDS-WV-CGS-003	NCR-PDS-CGS-C-142	PDS radiated E-field emissions out of specified limits p/n: 10-AMS02PDS-000.00 s/n: FM01	M	1 16/09/2009	PDS-WV-CGS-004			
NCR IDENTIFICATION NUMBER	DESCRIPTION/TITLE	Major (M) Minor (m)	ISSUE - DATE	RFW REF.																									
NCR-PDS-CGS-C-139	Unwanted SIDE A PB2-3 switch OFF during HOT temperature TV cycling p/n: 11-AMS02PDS-700.00 s/n: 04	M	1 01/09/2009	PDS-WV-CGS-005																									
NCR-PDS-CGS-C-140	Side A Esem 3-A-3 trip out of tolerance during HOT temperature TV cycling p/n: 11-AMS02PDS-300.00 s/n: 04	M	1 14/09/2009	N.A.																									
NCR-PDS-CGS-C-141	PDS mass out of specified value p/n: 10-AMS02PDS-000.00 s/n: FM01	M	1 15/09/2009	PDS-WV-CGS-003																									
NCR-PDS-CGS-C-142	PDS radiated E-field emissions out of specified limits p/n: 10-AMS02PDS-000.00 s/n: FM01	M	1 16/09/2009	PDS-WV-CGS-004																									

1) INDICARE IL NOMINATIVO RESPONSABILE DELL'AZIONE E DATA DI COMPLETAMENTO  
 1) ACTUAL PERSON RESPONSIBLE FOR THE ACTION AND COMPLETION DATE SHALL BE SHOWN

 CARLO GAVAZZI SPACE SpA		<b>RELAZIONE DI RIUNIONE / VISITA</b> <b>MINUTES OF MEETING / VISIT</b>		N° <b>PDS-MI-CGS-003</b>	
		FOGLIO SHEET	<b>2</b>	DI OF	3/2  ANNEX
DATA - DATE		LOCALITA' - LOCATION		COMMESSA - JOB	
<b>23/09/2009</b>		<b>MILANO (TELECON)</b>		<b>AMS02 PDS FM</b>	
				<b>2011-H</b>	

PUNTI ITEMS	ARGOMENTI DISCUSSI - DESCRIPTION OF DISCUSSION	AZIONE A CURA <sup>1)</sup> ACTION BY <sup>1)</sup>																														
	<p>NCR 139, 140, 141, 142 are technically closed and accepted by AMS and ASI. Signature completion by ASI and AMS, final closure by CGS PA\QA and distribution is in progress.</p> <p>ASI request to trace on the ADP which NCRs are applicable to the PDS unit and wick to the boards.</p>	AI1 CGS 29/09/09																														
4.	<b>WAIVERS review</b> <table border="1"> <thead> <tr> <th>SEQ. N°</th> <th>RFW IDENTIFICATION NUMBER</th> <th>TITLE</th> <th>ISSUE - DATE</th> <th>APPROVAL STATUS-DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PDS-WV-CGS-001</td> <td>ESEM 3-A over current protection limitation time out of specification</td> <td>1 07/04/2009</td> <td>APPROVED 23/04/2009</td> </tr> <tr> <td>2</td> <td>PDS-WV-CGS-002</td> <td>PDS input current telemetry</td> <td>1 06/05/2009</td> <td>APPROVED 11/05/2009</td> </tr> <tr> <td>3</td> <td>PDS-WV-CGS-003</td> <td>PDS mass out of specified value</td> <td>1 22/09/2009</td> <td></td> </tr> <tr> <td>4</td> <td>PDS-WV-CGS-004</td> <td>PDS radiated E-Field emission out of specified limits</td> <td>1 23/09/2009</td> <td></td> </tr> <tr> <td>5</td> <td>PDS-WV-CGS-005</td> <td>PDS Operating temperature limits</td> <td>1 23/09/2009</td> <td></td> </tr> </tbody> </table> <p>All the waivers are technically accepted by AMS and ASI. Signature completion by AMS and ASI, final closure by CGS PA\QA and distribution is in progress.</p>	SEQ. N°	RFW IDENTIFICATION NUMBER	TITLE	ISSUE - DATE	APPROVAL STATUS-DATE	1	PDS-WV-CGS-001	ESEM 3-A over current protection limitation time out of specification	1 07/04/2009	APPROVED 23/04/2009	2	PDS-WV-CGS-002	PDS input current telemetry	1 06/05/2009	APPROVED 11/05/2009	3	PDS-WV-CGS-003	PDS mass out of specified value	1 22/09/2009		4	PDS-WV-CGS-004	PDS radiated E-Field emission out of specified limits	1 23/09/2009		5	PDS-WV-CGS-005	PDS Operating temperature limits	1 23/09/2009		AI2 CGS 29/09/09
SEQ. N°	RFW IDENTIFICATION NUMBER	TITLE	ISSUE - DATE	APPROVAL STATUS-DATE																												
1	PDS-WV-CGS-001	ESEM 3-A over current protection limitation time out of specification	1 07/04/2009	APPROVED 23/04/2009																												
2	PDS-WV-CGS-002	PDS input current telemetry	1 06/05/2009	APPROVED 11/05/2009																												
3	PDS-WV-CGS-003	PDS mass out of specified value	1 22/09/2009																													
4	PDS-WV-CGS-004	PDS radiated E-Field emission out of specified limits	1 23/09/2009																													
5	PDS-WV-CGS-005	PDS Operating temperature limits	1 23/09/2009																													
5.	<b>DOCUMENTATION review</b> PDS FM test reports to be delivered yet are: <ul style="list-style-type: none"> <li>1) PDS-RP-CGS-122 PDS full functional test report during thermal vacuum cycling in cold case</li> <li>2) PDS-RP-CGS-124 PDS PFM Reduced Functional Test report before thermal vacuum test</li> <li>3) PDS-RP-CGS-125 PDS PFM Reduced Functional Test report after thermal vacuum test</li> <li>4) PDS-RP-CGS-126 PDS PFM EMC test report</li> <li>5) PDS-RP-CGS-127 PDS PFM final full functional test report</li> </ul> <p>PDS reports and EIDP\ADP shall be finalized and distributed by</p>	AI3 CGS 09/09/09																														
6.	Based on the provided information, the PDS PFM unit is technically accepted by AMS and ASI and the PDS PFM TRB is successfully closed. CGS is authorized to ship the PDS PFM unit to CERN and delivery to AMS collaboration. Current delivery date for PDS delivery at CERN is 28/09/09	AI4 AMS 28/09/09																														
7.	ASI kindly ask to AMS collaboration a formal communication stating the technical acceptance of the PDS PFM unit and the risk transfer to AMS for custody and operations.	AI5 AMS 29/09/09																														
8.	CGS would like to thank SERMS Lab. for the support provided in performing the PDS test campaign. End of telecon																															